

# A generalization of Nadler fixed point theorem

FRANCESCA VETRO

## ABSTRACT.

Jleli and Samet gave a new generalization of the Banach contraction principle in the setting of Branciari metric spaces [Jleli, M. and Samet, B., *A new generalization of the Banach contraction principle*, J. Inequal. Appl., **2014**:38 (2014)]. The purpose of this paper is to study the existence of fixed points for multivalued mappings, under a similar contractive condition, in the setting of complete metric spaces. Some examples are provided to illustrate the new theory.

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UNIVERSITÀ DEGLI STUDI DI PALERMO

DIPARTIMENTO ENERGIA

INGEGNERIA DELL'INFORMAZIONE E MODELLI MATEMATICI (DEIM)

VIALE DELLE SCIENZE, 90128 PALERMO, ITALY

*E-mail address:* francesca.vetro@unipa.it